MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

OCTOBER, 1931

J. A. BROWN, DIRECTOR

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DEC 17 1931
WEATHER BUREAU

OCTOBER 1931
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm+...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	58.5	56.7	56.9	57.4	30.1	23.6	26.4	29.4	25.0	26.9
2	58.5	58.0	59.6	58.7	28.5	23.6	25.5	26.8	23.8	25.4
3	61.6	61.6	62.5	61.9	27.6	22.2	23.7	27.3	22.4	24.5
4	63.6	61.5	61.2	62.1	28.4	20.0	26.3	27.2	23.9	25.8
5	60.9	59.0	58.0	59.3	28.9	21.1	26.3	28.4	25.3	26.7
6	58.1	58.1	58.7	58.3	28.7	23.9	26.6	27.4	24.3	26.1
7	60.8	60.5	60.0	60.4	27.8	24.1	26 2	26.8	24.8	25.9
8	61.2	60.4	60.0	60.5	28.4	21.1	25.9	27.4	25.7	26.3
9	60.7	60.2	60.1	60.3	30.0	21.5	26.3	28.4	23.8	26.2
10	61.3	60.5	60.5	60.8	29.0	22.1	26.6	28.4	23.3	26.1
11	60.9	59.8	59.5	60.1	28.8	21.2	25.4	28.3	23.2	25.6
12	60.9	60.5	59.9	60.4	29.1	21.9	26.7	27.3	24.4	26.1
13	60.6	60.0	59.9	60.2	29.8	23.3	26.7	28.6	24.3	26.5
14	60.2	58.3	58.2	58.9	29.0	22.8	26.5	28.6	24.0	26.4
15	60.4	60.0	60.8	60.4	27.2	22.8	25.9	26.7	22.2	24.9
16	63.8	60.9	63.9	62.9	26.7	20.2	23.2	26.2	23.4	24.3
17	64.3	63.4	59.9	62.5	26.2	21.6	24.4	25.6	23.4	24.5
18	61.7	59.8	59.8	60.4	27.2	20.3	24.3	26.6	21.5	24.1
19	61.0	60.3	60.5	60.6	27.3	19.7	24.6	26.8	22.5	24.6
20	61.2	60.8	60.7	60.9	27.7	19.6	23.7	27.0	22.3	24.3
21	62.0	62.1	63.5	62.5	24.9	18.9	23.3	23.6	21.1	22.7
22	65.5	65.0	65.1	65.2	24.4	19.4	22.6	23.7	19.4	21.9
23	66.9	65.6	64.5	65.7	24.5	17.8	21.8	23.8	21.9	22.5
24	64.0	63.1	63.1	63.4	26.0	18.9	23.3	24.6	23.3	23.7
25	63.5	62.4	62.3	62.7	26.5	19.2	21.2	25.0	22.1	23.8
26	63.2	61.6	61.5	62.1	26.7	19.9	23.9	26.1	22.1	24.0
27	61.5	60.7	60.8	60.7	26.7	20.6	23.5	26.4	21.6	23.8
28	61.3	61.0	61.3	61.3	26.1	19.9	23 2	25.7	22.4	23.3
29	62.4	61.8	61.7	62.0	26.5	20.3	23.4	26.1	22.6	24.0
30	62.6	61.6	61.2	61.8	28.4	20.4	24.6	27.1	21.6	24.4
31	61 3	60.6	60.9	60.9	27.2	20.0	23.4	26.7	21.9	24.0
	61.76	60.83	60.85	61.14	27.56	21.03	24.70	26.70	23.02	24.82

Barometer, Range for month 756.7-766.9 m.m.
,, 50-yr. average for month 761.473 m.m.
Thermometer, Range for month 17.8°-30°.1
,, 50-yr. average for month 24°.48 C.
Rain, total for month 13.86 m.m.
,, , 50-yr average for month 52.58 m.m.
,, , total Sept. 1st to end of month 22.42 m.m.
,, ,50-yr. average, Sept. 1st to end of month. 59.95 m.m

OCTOBER 1931

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	21.3	22.4	20.8	15.2	15.9	15.2	15.4	59	53	65	59	8.0	
2	21.1	21.3	18.3	15.3	15.0	12.8	14.4	63	56	59	59	6.0	
3	18.6	19.3	17.1	12.6	11.7	11.2	11.8	58	43	55	52	9.1	
4	19.4	20.1	18.9	12.4	12.9	13.0	12.8	49	48	58	52	9.2	
5	20.7	21.5	21.2	14.2	14.3	15.6	14.7	56	50	65	57	9.8	
6	21.4	21.7	19.3	15.2	15.1	13.3	14.5	58	55	59	57	9.0	
7	20.1	19.0	17.9	13.4	11.6	11.2	12.1	53	44	49	49	9.4	
8	19.4	20.2	20.3	12.6	12.9	14.0	13.2	51	47	57	52	9.5	
9	20.6	21.9	20.2	14.1	15.0	15.0	14.7	55	53	68	59	9.1	
10	22.7	23.1	20.9	17.5	16.8	16.5	16.9	68	58	78	68	9.3	
11	21.0	23.3	20.9	15.3	17.3	19.2	17.6	63	61	79	68	9.4	
12	22.9	22.8	20.2	17.8	17.1	14.6	16.5	68	63	65	65	9.3	
13	21.9	23.3	21.7	15.9	17.1	17.3	16.8	61	59	77	66	9.2	
14	23.6	24.2	22.0	19.2	18.9	18.0	18.7	75	64	81	73	9.0	
15	21.1	20.2	17.9	15.1	13.3	12.5	13.6	61	51	62	61	9.1	
16	18.3	20.4	19.3	12.5	14.0	13.9	13.5	60	55	65	60	5.2	
17	18.0	21.1	20.9	11.5	15.3	16.5	14.4	50	63	78	64	9.2	
18	21.1	22.1	19.9	16.1	16.3	16.1	16.2	72	63	84	73	9.4	
19	21.1	21.9	20.6	16.0	16.0	16.4	16.1	70	60	81	70	9.2	
20	18.6	21.1	18.9	12.6	14.5	13.9	13.7	58	54	69	60	9.0	
21	20.1	17.8	16.2	15.1	11.6	10.7	12.5	71	54	57	61	5.0	11.12
22	17.1	17.8	15.6	11.1	11.5	10.8	11.1	54	53	64	57	8.0	2 74
23	16.1	17.3	18.0	10.3	10.9	12.7	11.3	52	50	65	56	7.0	
24	18.7	19.7	20.3	13.0	13.7	15.5	14.1	61	60	73	65	7.1	
25	21.2	21.0	19.8	16.5	15.5	15.4	15.7	72	66	78	72	10.0	
26	20.9	20.5	20.0	16.1	14.1	15.8	15.3	72	56	80	69	10.0	
27	21.6	22.6	20.5	17.6	17.4	17.0	17.3	81	68	88	79	9.8	
28	21.9	23.2	21.4	18.6	19.0	18.2	18.6	88	77	90	83	9.5	
29	22.3	23.6	21.8	19.1	19.6	18.7	19.1	89	78	91	86	9.7	
30	21.0	22.9	20.1	15.8	17.4	16.3	16.5	69	66	84	73	10.0	
31	18.6	22.7	20.9	12.8	17.4	17.6	15.9	60	67	90	72	9.4	
	20.40	21.29	19.75	14.85	15.13	14.96	15.0	63.8	57.9	71.4	64.4	8.77	0.45

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

OCTOBER 1931

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	5ci	5stci	4stci	4.7	1e	1sw	3ne	104.6	light	Trace of rain
2	5cuni	6stcu	4cu	5.0	1sw	1sw	1sw	149.2	slight	
3	7cuni	7cu	5cu	6.3	0	0	1sw	135.1	moderate	
4	0	0	0	0.0	0	1n	1n	129.7	slight	
5	1cu	1cu	3cu	1.7	0	1n	2n	108.0	„	
6	0	0	2cu	0.7	1n	1n	2n	125.2	stormy	
7	0	0	1cu	0.3	0	1n	2n	114.3	„	
8	0	0	0	0.0	0	1n	2n	203.7	„	
9	0	0	0	0 0	0	0	0	174.1	„	
10	1cu	1cu	1cu	1.0	0	1n	2n	205.0	slight	
11	1cu	0	0	0.3	0	0	0	63.8	calm	
12	0	0	0	0 0	0	0	0	75.6	slight	
13	0	1ci	2cicu	1.0	0	0	1sw	91.1	„	
14	1ci	1cicu	2cu	1.3	1w	1w	1sw	261.8	stormy	
15	3cu	1cu	2cu	2.0	1w	1sw	3s	442.7	slight	
16	9cu	2cu	8cu	6.3	0	0	1n	176.7	light	
17	1cu	2cu	2cu	1.7	2nw	1nw	1nw	201.9	stormy	
18	0	0	0	0 0	0	0	1s	75.8	calm	
19	0	1cu	1cu	0.7	2sw	1sw	1sw	415.7	stormy	
20	4ci	1cuci	2cuci	2.3	0	0	1sw	152.6	calm	Lightning in n.
21	8ni	7stcu	8cu	7.7	0	1w	1sw	263.3	light	
22	6cuci	3ci	4cu	4.3	1n	0	1se	60.6	slight	
23	8ci	0	0	2.7	1ne	1ne	1n	154.5	„	
24	0	0	0	0 0	0	2nw	0	98.2	„	
25	0	0	0	0.0	0	0	0	75.0	„	
26	0	0	0	0 0	0	0	0	59.7	light	
27	0	0	0	0.0	0	0	1sw	46.6	calm	Dew in a.m.
28	0	1cu	1cu	0.7	0	0	0	28.5	„	Hea. dew in a.m
29	0	0	0	0.0	0	1w	0	93.9	„	„ „ „ „
30	0	0	0	0.0	0	0	0	34.9	„	Mist in a.m.
31	1cu	5ci	4cu	3.3	1sw	1sw	1sw	130.3	light	
				1.74	0.4	0.6	1.0	143.62		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	2	1	1	0	0	3	2	1	21
14:30	6	1	0	0	0	5	3	2	14
20.30	8	1	0	1	2	9	0	1	9
Totals	16	3	1	1	2	17	5	4	44

Number of days with rain 2, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 3.5